

IN THE CLAIMS

Claims 1 - 11 (cancelled).

Claim 12 (previously presented) A hydrogenation catalyst of the formula $AB(y)C(z)$ wherein A is a support selected from a salt of a Group II metal and the Group II metal is selected from the group consisting of magnesium, calcium and barium and the salt is selected from the group consisting of acetates, nitrates, and chlorides, B is Pt or Pd, y is 0.2 to 10%, C is nickel and z is 0 to 15.0% with the proviso that when B is Pt, z is 0.

Claim 13 (currently amended) A hydrogenation catalyst of the formula $AB(y)C(z)$ wherein A is a support selected from ~~a magnesium acetate, magnesium nitrate, magnesium carbonate or magnesium chloride salt of a Group II metal and the Group II metal is selected from the group consisting of magnesium and barium and the salt is selected from the group consisting of acetates, nitrates, carbonates and chlorides~~, B is Pt or Pd, y is 0.2 to 10%, C is nickel and z is 0 to 15.0% with the proviso that when B is Pt, z is 0.

Claim 14 (previously presented) A hydrogenation catalyst of the formula $AB(y)$ wherein A is a support selected from a salt of a Group II metal and the Group II metal is selected from the group consisting of magnesium, calcium and barium and the salt is selected from the group consisting of acetates, nitrates, carbonates and chlorides, B is Pt and y is 0.2 to 10%.

Claim 15 (previously presented) A hydrogenation catalyst of the formula $AB(y)$ wherein A is a support of ZSM5-NH₄ and B is Pd where y is 0.2% to 10%.

Claim 16 (previously presented) The hydrogenation catalyst according to claim 15 wherein y is 1%.

Claim 17 (previously presented) A hydrogenation catalyst of the formula AB(y)C(z) wherein A is a support of ZSM5-NH₄ and B is Pd where y is 0.2% to 10%, C is nickel and z is greater than 0 to 15%.

Claim 18 (previously presented) The hydrogenation catalyst according to claim 17 wherein y is 1% and z is 10%.

Claim 19 (previously presented) The hydrogenation catalyst according to claim 13 being 1% Pd/MgCO₃.

Claim 20 (currently amended) The hydrogenation catalyst comprising according to ~~claim 13~~ being 1% Pd/BaCO₃.

Claim 21 (previously presented) The hydrogenation catalyst according to claim 13 being 1% Pt/MgCO₃.

Claim 22 (previously presented) The hydrogenation catalyst according to claim 14 being 1% Pt/CaCO₃.

Claim 23 (previously presented) The hydrogenation catalyst according to claim 14 being 1% Pt/BaCO₃.